

ABSTRACT

An environment services architecture for a netcentric computing system is disclosed by the present invention. The environment services architecture includes runtime services for converting non-compiled computer languages into machine code during the execution of an application on the netcentric computing system. System services perform system-level functions in the netcentric computing system are also provided that may be selected from the group consisting of system security services, profile management services, task and memory management services and environment verification services. In addition, the environment services architecture also includes application services for performing common functions in the netcentric computing system. A component framework service provides components of the netcentric computing system with a standard infrastructure for allowing an application running on components to communicate within and across applications in the netcentric computing system. Further, operating system services are provided for providing the netcentric computing system with underlying basic computing services.

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